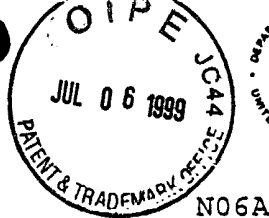


DATE: 01/09/95
TO:



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

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225 FRANKLIN STREET
BOSTON, MA 02110-2804

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ASSIGNOR:
BACKSTROM, KJELL GORAN ERIK

DOC DATE: 08/16/94

ASSIGNOR:
DAHLGACK, CARL MAGNUS OLOF

DOC DATE: 08/18/94

ASSIGNOR:
EDMAN, PETER

DOC DATE: 08/25/94

ASSIGNOR:
JOHANSSON, ANN CHARLOTTE

DOC DATE: 08/23/94

RECORDATION DATE: 09/06/94 NUMBER OF PAGES 003 REEL/FRAME 7231/0628

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
AB ASTRA
S-151
85 SODERTALJE, SWEDEN

SERIAL NUMBER 8-265372
PATENT NUMBER

FILING DATE 06/23/94
ISSUE DATE 00/00/00

L. S. Thompson
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

* Review Required *	
Reviewed By	Patent Systems
Initials	<i>Urb</i>
Reviewed By	Billing Secretary
Initials	<i>cab</i>

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PATENTS ONLY

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Commissioner of Patents and Trademarks: Please record the attached original document.

1. Name of sending party(ies):
Kjell Göran Erik Bäckström, Carl Magnus Olof
Dahlbäck, Peter Edman, Ann Charlotte Birgit
Johansson

2. Name and address of receiving party(ies):
AB Astra
S-151
85 Sodertälje, Sweden

Additional name(s) attached? ☐ Yes ☒ No

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other:

Execution Date: August 16, 1994, August 18,
1994, August 25, 1994, August 23, 1994

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

08/265,372

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence
concerning document should be mailed:

Janis K. Fraser
Fish & Richardson
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed
☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct
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Janis K. Fraser, Esq.

Name of Person Signing

Signature

Date

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1

Cheryl Ann Brawley
Cheryl Ann Brawley

ASSIGNMENT

For valuable consideration, we, Kjell Göran Erik Bäckström, of Lund, Sweden; Carl Magnus Olof Dahlbäck of Lund, Sweden; Peter Edman of Bjärred, Sweden; and Ann Charlotte Birgit Johansson of Lund, Sweden; hereby assign to AB Astra, a Sweden corporation having a place of business at Södertälje, Sweden, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,372, filed June 23, 1994, entitled THERAPEUTIC PREPARATION FOR INHALATION

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Lund
this 16th day of August, 1994

Kjell Göran Erik Bäckström L.S.
Inventor's Name: KJELL GÖRAN ERIK BÄCKSTRÖM

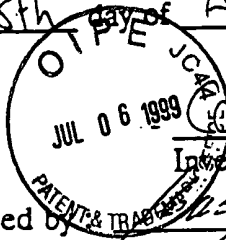
Witnessed by : Eva Fredenfeldt
Name : Eva Fredenfeldt Date: August 16, 1994

Witnessed by : Elisabet Lindquist
Name : Elisabet Lindquist Date: August 16, 1994

REEL 1231 FRAME 61

IN WITNESS WHEREOF, I hereto set my hand and seal at

this 18th day of August, 1994



Carl Magnus Olof Dahlbäck

L.S.

Inventor's Name:

CARL MAGNUS OLOF DAHLBÄCK

Witnessed by:

Name:

Margit Prytz

Date:

94.08.18

Witnessed by:

Name:

Ola Werbrink

Date:

940818

IN WITNESS WHEREOF, I hereto set my hand and seal at

this 25th day of August, 1994

Peter Edman

L.S.

Inventor's Name:

PETER EDMAN

Witnessed by:

Name:

Wasa-Lill Kvös

Date:

940825

Witnessed by:

Name:

Birgitta Andersson

Date:

940825

IN WITNESS WHEREOF, I hereto set my hand and seal at

this 23rd day of August, 1994

Ann Charlotte Birgit Johansson

L.S.

Inventor's Name:

ANN CHARLOTTE BIRGIT JOHANSSON

Witnessed by:

Name:

Henri Hansson

Date:

940823

Witnessed by:

Name:

Helena Lindén

Date:

940823

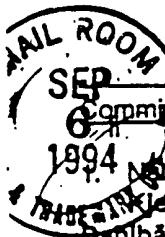
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Kjell Göran Erik Bäckström, Carl Magnus Olof
Danilbäck, Peter Edman, Ann Charlotte Birgit
Johansson

2. Name and address of receiving party(ies):
AB Astra
S-151
85 Sodertälje, Sweden

Additional name(s) attached? ☐ Yes ☒ No

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:
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 - ☐ Security Agreement
 - ☐ Change of Name
 - ☐ Other:



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APPLICATION DIVISION

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Execution Date: August 16, 1994, August 18,
1994, August 25, 1994, August 23, 1994

4. Application number(s) or patent number(s):
If this document is being filed with a new application, the execution date of the application is:
A. Patent Application No.(s): 08/265,371
B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name/address of party to whom correspondence
concerning document should be mailed:

Janis K. Fraser
Fish & Richardson
225 Franklin Street
Boston, MA 02110-2804

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40
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☐ Authorized to charge deposit account

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Janis K. Fraser, Esq.

Name of Person Signing

Signature

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080 WL 09/13/94 08265371

September 1, 1994
Cheryl Ann Brawley
Cheryl Ann Brawley

ASSIGNMENT

For valuable consideration, we, Kjell Göran Erik Bäckström, of Lund, Sweden; Carl Magnus Olof Dahlbäck of Lund, Sweden; Peter Edman of Bjärred, Sweden; and Ann Charlotte Birgit Johansson of Lund, Sweden; hereby assign to AB Astra, a Sweden corporation having a place of business at Södertälje, Sweden, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,371, filed June 23, 1994, entitled SYSTEMIC ADMINISTRATION OF A THERAPEUTIC PREPARATION

this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Lund
this 16th day of August, 1994

Kjell Göran Erik Bäckström L.S.
Inventor's Name: KJELL GÖRAN ERIK BÄCKSTRÖM

Witnessed by : Eva Brändfeldt
Name : Eva Brändfeldt Date: August 16, 1994

Witnessed by : Elisabet Lindqvist
Name : Elisabet Lindqvist Date: August 16, 1994

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IN WITNESS WHEREOF, he do set my hand and seal at
this 18th day of August, 1994

Carl Magnus Olof Dahlbäck

Inventor's Name:

CARL MAGNUS OLOF DAHLBÄCK

L.S.

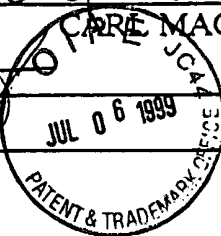
Witnessed by:

Name:

Margit Prytz

Date:

94.08.18



Witnessed by:

Name:

Ole Werbrink

Date:

940818

IN WITNESS WHEREOF, I hereto set my hand and seal at Mölnadal
this 25th day of August, 1994

Peter Edman

Inventor's Name:

PETER EDMAN

L.S.

Witnessed by:

Name:

INGA-LILL KNÖS

Date:

940825

Witnessed by:

Name:

BIRGITTA ANDERSSON

Date:

94-08-25

IN WITNESS WHEREOF, I hereto set my hand and seal at Lund
this 23rd day of August, 1994

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Ann Charlotte Birgit Johansson

Inventor's Name:

ANN CHARLOTTE BIRGIT JOHANSSON

L.S.

Witnessed by:

Name:

Henri Hansson

Date:

940823

Witnessed by:

Name:

Helena Lindén

Date:

940823

DATE: 11/14/94
TO:



N068

FISH & RICHARDSON
JANIS K. FRASER
225 FRANKLIN STREET
BOSTON, MA 02110-2804



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ASSIGNOR: BACKSTROM, KJELL GORAN ERIK DOC DATE: 08/16/94

ASSIGNOR: DAHLBACK, CARL MAGNUS OLOF DOC DATE: 08/18/94

ASSIGNOR: EDMAN, PETER DOC DATE: 08/25/94

ASSIGNOR: JOHANSSON, ANN CHARLOTTE BIRGIT DOC DATE: 08/23/94

RECORDATION DATE: 09/06/94 NUMBER OF PAGES 003 REEL/FRAME 7172/0512

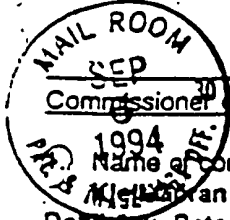
DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
AB ASTRA
S-151, 85 SODERTALJE, SWEDEN

SERIAL NUMBER 8-265237 FILING DATE 06/23/94
PATENT NUMBER ISSUE DATE 00/00/00

Nick Scott
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

• No Docketing Required •	
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Reviewed By Billing Secretary	Initials: _____



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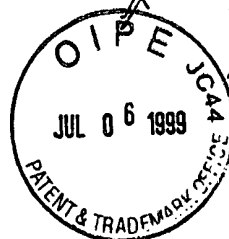
(2) Name and address of receiving party(ies):
AB Astra
S-151
85 Sodertälje, Sweden

Additional name(s) attached? ☐ Yes ☒ No

Additional names/addresses attached? ☐ Yes ☒ No

(3) Nature of conveyance:

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 - ☐ Merger
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 - ☐ Change of Name
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(4) Application number(s) or patent number(s):

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B. Patent No.(s):

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(5) Name/address of party to whom correspondence concerning document should be mailed:

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Fish & Richardson
225 Franklin Street
Boston, MA 02110-2804

(6) Total number of applications/patents involved: 1

(7) Total fee (37 CFR 3.41): \$40

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- ☐ Authorized to charge deposit account

8. Deposit account number: 06-1050

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Janis K. Fraser, Esq.

Name of Person Signing

Signature

Date

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1 581
Cheryl Ann Brawley
Cheryl Ann Brawley

ASSIGNMENT

For valuable consideration, we, Kjell Göran Erik Bäckström, of Lund, Sweden; Carl Magnus Olof Dahlbäck of Lund, Sweden; Peter Edman of Biärred, Sweden; and Ann Charlotte Birgit Johansson of Lund, Sweden; hereby assign to AB Astra, a Sweden corporation having a place of business at Södertälje, Sweden, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent Serial No. 08/265,237, filed June 23, 1994 entitled COMPOSITIONS FOR INHALATION

this assignment including said application, any and all United States and foreign patents, utility models and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusio and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Lund
this 16th day of August, 1994

Kjell Göran Erik Bäckström

Inventor's Name: KJELL GÖRAN ERIK BÄCKSTRÖM LS

Witnessed by : Ann Charlotte Birgit Johansson

Name : Ann Charlotte Birgit Johansson

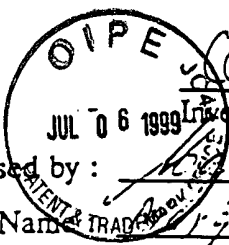
Date: August 16, 1994

Witnessed by : Elisabet Lindquist

Name : Elisabet Lindquist

Date: August 16, 1994

IN WITNESS WHEREOF, I hereto set my hand and seal
this 18th day of August, 1994


Inventor's Name: Carl Magnus Olof Dahlbäck
Witnessed by: [Signature]
Name: Project Pryt 2 Date: 74.08.18

Witnessed by: [Signature]
Name: Ola Norbrink Date: 940818

IN WITNESS WHEREOF, I hereto set my hand and seal at Malmö
this 25th day of August, 1994

[Signature]
Inventor's Name: PETER EDMAN
Witnessed by: [Signature]
Name: Unga-lina Knös Date: 940825

Witnessed by: [Signature]
Name: BIRGITTA ANDERSSON Date: 94-08-25

IN WITNESS WHEREOF, I hereto set my hand and seal at Lund
this 23rd day of August, 1994

[Signature]
Inventor's Name: ANN CHARLOTTE BIRGIT JOHANSSON
Witnessed by: [Signature]
Name: Henni Hansson Date: 940823

Witnessed by: [Signature]
Name: Helena Lindén Date: 940823

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